

# HIGH TEMPERATURE MUFFLE FURNACE

Our **Muffle furnace** is ideal for ashing most types of organic and inorganic samples, heat treating small steel parts, performing ignition tests, conducting gravimetric analysis and for the determination of volatile and suspended solids. This will ensure the most uniform kind of distribution of heat. A safety thermal fuse is provided to fuse of when the temperature exceeds the set temperature. Temperature control unit consists of a Digital Temperature Indicator cum Controller & Furnace heating from two sides from heating elements. To work on 220/230 V, AC, 50 Hz, Single Phase.



## **BMF- A Series**

**BANBROS ENGINEERING PVT. LTD.**

### Features:

- Chamber and door interior plated with highest quality. Maximized insulation to ensure minimum energy consumption.
- Excellent insulation also eliminates heat transfer and guarantees risk free “safe touch” during and after run cycle.
- Heating parameters and other functions can be automatically controlled and observed by membrane keypad with digital LCD panel.
- Ergonomic and reliable PID control unit is conveniently placed above the body for better reach and inspection.
- Integrated PID control unit offers a user friendly menu.
- Outer casing is made of Double walled Thick /PCRC/Mild Steel Sheet duly powder coated
- Light weight with ceramic fibre wool insulation to avoid heating loss.
- Chamber construction includes a long life grooved refractory chamber to support Kanthal heating Element on 3 sides through its walls
- PID Micro Processor controller dual display with safety alarm
- Equipped with Digital timer of 99.59 hrs
- Viewing cap is also provided on the door
- Heating Elements are made of KANTHAL A-1 wire in coil form placed in the ribs of the tiles, backed by cerwool insulation, which avoids loss of energy.
- Power Supply 220/230 volts AC or 440 Volts-3 Phase

Parameter	Technical Specifications			
Model No.	BMF-449A	BMF-5510A	BMF-8812A	BMF- 181824A
Dimension (mm)	100X100X225	125X125X250	200X200X300	450x450x600
Max. Temperature Range (°C)	950 °C			
Working Temperature Range (°C)	900 °C			
Frequency (Hz)	50/60 Hz			
Temperature Accuracy (°C)	+/- 1 °C			
Display	LED Digital			
Controller	PID Controller			

\* Due to continues product development, product image & Specifications are subject tochange

\* Customization can be done as per user requirement

## BANBROS ENGINEERING PVT. LTD.